

G Series Enterprise Data Archive Libraries



Plasmon G Series Enterprise libraries are the market leader for professional archival storage. They feature the industry's most reliable architecture that ensures high data availability for business critical data archives. G Series Enterprise libraries with 60GB UDO2 drives can read data written on 30GB UDO1 media.

The direct attached libraries are controlled through a SCSI interface and include state-of-the-art features such as dual media transport assemblies.

G Series Enterprise libraries feature UDO drives and media which are the industry standard for professional optical storage. UDO archive solutions offer unmatched data authenticity and longevity, consume much less power than magnetic disk based archives and deliver a very low Total Cost of Ownership. Second generation 60GB UDO2 media is available in True Write Once (WORM), Compliant Write Once and Rewritable formats.

Powered by UDO, G Series Libraries feature UDO drives and media which are the industry standard for professional optical storage. UDO archive solutions offer unmatched data authenticity and longevity and deliver a very low total cost of ownership. 60GB UDO2 media is available in True Write Once (WORM), Compliant Write Once and Rewritable formats.

Storage capacity can be increased incrementally as archiving demands increase. Choose from four different models that scale to meet future archiving requirements. Add drives and slots to scale the 164 base model to the 238 within the same cabinet; add expansion bays to scale from the 238 to the 438, or the 438 to the 638.

Application Support

Visit Alliance Storage Technologies website for a complete list of certified software partners at www.alliancestoragetechnologies.com.

Investment Protection is Key

Models that are designed to maximize professional data archiving requirements at the enterprise level. *Invest in today's requirements and expand for tomorrow's!*

There are many benefits to the intrinsic scalability of the libraries:

- Empowers businesses to increase storage capacity incrementally as archiving demands increase
- Budget for future expansion
- Accommodate data growth without changing the footprint size



Features	Benefits
60GB UDO Drive Support	Highest capacity optical drive in the industry
Dual Media Transport Assemblies	Fast access times
Auto-Calibration	Increased uptime, greater reliability
Barcode Scanner (optional)	Greater security, offline media management, fast media inventory
10-Slot Bulk Magazine	Facilitates rapid loading/unloading while increasing convenience
Hot Swappable Drives & Redundant Power Supplies	Result in maximum uptime and highest level of reliability
Multiple SCSI Bus Configurations	Increase performance by enabling up to 12 drives
Mixed MO & UDO Support	Flexibility, longevity, investment protection

G Series Enterprise Library Specifications

Specifications	G164	G238	G438	G638
Min/Max # Slots	162/164	236/238	436/438	636/638
Backup Media Slots	2	2	2	2
Max Raw Capacity TBs	9.8	14.3	26.3	38.3
Min/Max Drives	2/6	2/6	2/6	2/6
Drive Increments	2	2	2	2
Power (W) w/Max Configuration Note: power rating is dependent on # of drives & power supplies				
Min Power Requirement (W)	115	115	115	115
Max Power Requirement (W)	410	410	410	410
Library Weight				
Max Config (lbs/kgs)	468/212	468/212	440/200	412/187
Library Dimensions				
Product (LxWxH) inches	35x28x68	35x28x68	35x34x68	35x41x68
Product (LxWxH) cm	89x71x173	89x71x173	89x87x173	89x104x173
Shipping Weight				
Library (lbs/kgs)	670/304	670/304	642/291	614/279
Expansion Bay (lbs/kgs)	-	-	198/90	309/140
Shipping Dimensions				
Library (LxWxH) inches	48x37x77	48x37x77	48x37x77	48x37x77
Expansion Bay (LxWxH) inches	-	-	35x34x72	35x34x72
Library Reliability (MSBF)	3,800,000	3,800,000	3,800,000	3,800,000
Bulk Load	10 Disk	10 Disk	10 Disk	10 Disk
Robotics Access Time (sec*)	6.2	6.2	6.3	6.4
Media Transport Assembly (MTA)	Dual	Dual	Dual	Dual
Import/Export Mail Slot	Single	Single	Single	Single
Mean Time To Repair	< 4 Hours	< 4 Hours	< 4 Hours	< 4 Hours
Operating Temperature	50-90F/10-32C	50-90F/10-32C	50-90F/10-32C	50-90F/10-32C
Operating Voltage (auto ranging)	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Heat Dissipation (Min-Max BTU/hr)	566-1365	566-1365	566-1365	566-1365
Library UDO Drive Connectivity	SCSI	SCSI	SCSI	SCSI
Options	Redundant Power	Redundant Power	Redundant Power	Redundant Power

G Series Enterprise Data Storage Libraries provide regulatory compliant, cost-effective storage for professional data archiving



UDO and Plasmon are registered trademarks of ASTI